



PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Under the Paperwork	Reduction Act of 1995, no p	persons are required	to respond to a collection of inf	ormation unless it displays a valid OMB control number.			
			Application Number	09/737,246 RECEI			
TRANSMITTAL FORM			Filing Date	December 13, 2000			
			First Named Inventor	LU, PETER S. MAR 1 2 20			
			Group Art Unit	1647 TECH CENTED			
(to be used for	all correspondence after initi	al filing)	Examiner Name	Bunner, Bridget E.			
Total Numbe	r of Pages in This Submission	n 37	Attorney Docket Number	VITA-003			
			ES (check all that apply)				
Amendment After F Affidav Extension of Express Aba Information I Certified Cop Documents Response to Incomplete A	tached / Reply inal its/declaration(s) Time Request undonment Request Disclosure Statement by of Priority Missing Parts/	Assign (for an Drawin Licens Petition Provisi Power	ament Papers Application) ag(s) ing-related Papers in in to Convert to a dional Application of Attorney, Revocation in of Correspondence	After Allowance Communication to Group Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please identify below):			
Signing Attorney/Agent (Reg. No.) Signing Attorney/Agent (Reg. No.) Signing Attorney/Agent (Reg. No.)							
Signature	ames	S lled	lehe				
Date	February 14, 2003		-				
CERTIFICATE OF MAILING							
I hereby certify that thi	I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail						
			ington, DC 20231 on this da				
Typed or printed name							
Signature	Xun i	M. (Xer		Date February 14, 2003			

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/17 (01-03)

Approved for use through 04/30/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Complete if Known **TRANSMITTAL** Application Number 09/737,246 2003 for FY 2003 Filing Date December 13, 2000 First Named Inventor LU, PETER S. ve 01/01/2003. Patent fees are subject to annual revision. **Examiner Name** 2 cant claims small entity status. See 37 CFR 1.27 Art Unit CENTER 600/2900 TOTAL AMOUNT OF PAYMENT (\$) 465Attorney Docket No VITA-003 METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued) □ Check □ Credit Card □ Money Order □ Other □ None 3. ADDITIONAL FEES Large Small Deposit Account: Entity Entity Fee Fee Fee Fee Deposit Account Number 50-0815 Code (\$) Code (\$) Fee Description Fee Paid Deposit Account Name Bozicevic, Field & Francis LLP 1051 130 2051 65 Surcharge - late filing fee or oath The Commissioner authorized to: (check all that apply) 1052 50 2052 Surcharge - late provisional filing fee or 25 □ Charge fees indicated below □ Credit any overpayments Charge any additional fee(s) during the pendency of this cover sheet 1053 130 1053 130 application Non-English specification Charge fees indicated below, except for the filing fee 1812 2.520 1812 2,520 For filing a request for ex parte reexamination to the above-identified deposit account. 1804 920* 1804 Requesting publication of SIR prior to Examination action **FEE CALCULATION** 1805 1,840* 1805 1,840*Requesting publication of SIR after BASIC FILING FFF Examiner action Large **Entity Small Entity** 1251 110 2251 55 Extension for reply within first month Fee Fee Fee Fee Fee Description Fee Paid Code 1252 (\$) Code (\$) 410 2252 205 Extension for reply within second month 1001 750 Utility filing fee 2001 375 1253 930 2253 465 Extension for reply within third month 465 1002 330 2002 165 Design filing fee 1254 1.450 2254 725 Extension for reply within fourth month 1003 520 2003 260 Plant filing fee 1255 1.970 2255 985 Extension for reply within fifth month 750 1004 2004 375 Reissue filing fee 1401 320 2401 160 Notice of Appeal 1005 160 2005 80 Provisional filing fee 1402 320 2402 160 Filing a brief in support of an appeal 1403 280 2403 140 Request for oral hearing SUBTOTAL (1) 1451 1,510 1451 1,510 Petition to institute a public use proceeding 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 1452 110 2452 55 Petition to revive - unavoidable Fee from Extra Claims 1453 1,300 2453 650 Petition to revive - unintentional below Fee Paid Total Claims 1501 1,300 -20** = 2501 650 Utility issue fee (or reissue) х = Indep. 1502 470 2502 235 Design issue fee = Claims 2503 1503 630 315 Plant issue fee Multiple Dependent 1406 130 1460 Petitions to the Commissioner 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) Large Entity Small Entity 1806 180 1806 180 Submission of Information Disclosure Stmt Fee Fee Fee Fee Fee Description Code (\$) Code 8021 (\$) 40 8021 40 Recording each patent assignment per 18 2202 Claims in excess of 20 property (times number of properties) 1809 750 2809 375 Filing a submission after final rejection 1201 84 2201 42 Independent claims in excess of 3 (37 CFR § 1.129(a)) 1203 1810 750 2810 For each additional invention to be 280 2203 375 140 Multiple dependent claim, if not paid examined (37 CFR § 1.129(b)) 1204 84 2204 42 Reissue independent claims 1801 750 2801 375 Request for Continued Examination (RCE) over original patent 1802 900 1802 Request for expedited examination 1205 of a design application 18 2205 9 * Reissue claims in excess of 20 and over original patent Other fee (specify) SUBTOTAL (2) \$ or number previously paid, if greater; For Reissues, see above

FEB

*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 465 SUBMITTED BY Complete (if applicable) Registration No Name (Print/Type) S. Keddie, Ph.D. (Attorney/Agent) 48.920 (650) 327-3400 Telephone llme Signature 02/14/2003

WARNING: Information on this form may become public. Credit card information should not be included on this form Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Commissioner for Patents, Washington, DC 20231.

Atty Dkt. No. VITA-003 USSN: 09/737.246

•	spondence is being deposited	with the United States Postal Service ents, Washington, D.C. 20231.	as first class mai	I in an envelope addressed to:	
Typed or Printed Name	Susan M. Alessi			VT	
Signature	Duon 1	M. alisa	Date	February 14, 2003	
REQUEST FOR CORRECTED FILING RECEIPT Address to: Office of Initial Patent Examination Commissioner for Patents Washington, D.C. 20231		Attorney Docket	VITA-0	VITA-003	
		Applicant	LU, PE	LU, PETER S.	
		Serial Number	09/737,2	09/737,246	
		Filing Date	Decemb	December 13, 2000	
		Group Art Unit		**************************************	
		Examiner Name			
		Title: "CLASP-3 TI	\RANSMEMB	BRANE PROTEIN"	

Sir:

A filing receipt for the above-identified patent application has been issued by the U.S. Patent and Trademark Office (copy attached) and has been found to contain the following error(s):

(1) Please correct the "Continuing Data as Claimed by Applicant" as indicated on the attached Application Data Sheet, and the marked-up copy of the Filing Receipt as follows.

THIS APPLN CLAIMS BENEFIT OF 60/240,508 - 10/13/2000
AND CLAIMS BENEFIT OF 60/240,503 - 10/13/2000
AND CLAIMS BENEFIT OF 60/240,539 - 10/13/2000
AND CLAIMS BENEFIT OF 60/240,543 - 10/13/2000
AND CLAIMS BENEFIT OF 09/547,276 - 04/11/2000
AND CLAIMS BENEFIT OF 60/196,267 - 04/11/2000
AND CLAIMS BENEFIT OF 60/196,527 - 04/11/2000
AND CLAIMS BENEFIT OF 60/196,528 - 04/11/2000
AND CLAIMS BENEFIT OF 60/196,460 - 04/11/2000
AND CLAIMS BENEFIT OF 60/182,296 - 02/14/2000
AND CLAIMS BENEFIT OF 60/176,195 - 01/14/2000
AND CLAIMS BENEFIT OF 60/170,453 - 12/13/1999
AND CLAIMS BENEFIT OF 60/162,498 - 10/29/1999
AND CLAIMS BENEFIT OF 60/160,860 - 10/21/1999

THIS APPLICATION CLAIMS BENEFIT OF 60/240,508 10/13/2000

AND CLAIMS BENEFIT OF 60/240,503 10/13/2000

AND CLAIMS BENEFIT OF 60/240,539 10/13/2000

AND CLAIMS BENEFIT OF 60/240,543 10/13/2000

AND TAKES PRIORITY FROM 09/687,837 10/13/2000

Atty Dkt. No. VITA-003 USSN: 09/737,246

AND TAKES PRIORITY FROM 09/547,276 04/11/2000

AND CLAIMS BENEFIT OF 60/196,267 04/11/2000

AND CLAIMS BENEFIT OF 60/196,527 04/11/2000

AND CLAIMS BENEFIT OF 60/196,528 04/11/2000

AND CLAIMS BENEFIT OF 60/196,460 04/11/2000

AND CLAIMS BENEFIT OF 60/182,296 02/14/2000

AND CLAIMS BENEFIT OF 60/176,195 01/14/2000

AND CLAIMS BENEFIT OF 60/170,453 12/13/1999

AND CLAIMS BENEFIT OF 60/162,498 10/29/1999

AND CLAIMS BENEFIT OF 60/160,860 10/21/1999

If for any reason a fee is found to be necessary, the Commissioner is authorized to charge such fee to Deposit Account No. 50-0815.

Respectfully submitted,

BOZICEVIC, FIELD & FRANCIS LLP

Date: February 14, 2003

James S. Keddie, Ph.D.

Registration No. 48,920

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Telephone: (650) 327-3400 Facsimile: (650) 327-3231



020054-00031105



UNITED STATES PATENT AND TRADEMARK OFFICE

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COMMISSIONER FOR PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE WASHINGTON, D.C. 2023

HINGTON, D.C. 2023I www.uspto.gov

 APPLICATION NUMBER
 FILING DATE
 GRP ART UNIT
 FIL FEE REC'D
 ATTY DOCKET NO
 DRAWINGS
 TOT CLAIMS
 IND CLAIMS

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 12/13/2006
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TWO EMBARCADERS THE FR

EIGHTH FLOOR

SAN FRANCISCO, CA 94111-3834

CONFIRMATION NO. 8356

FILING RECEIPT

OC0000005856000

Date Mailed: 03/13/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Peter S. Lu, Mountain View, CA; Jonathan D. Garman, San Jose, CA; Albert F. Candia III, Menlo Park, CA;

Continuing Data as Claimed by Applicant

THIS APPLN CLAIMS BENEFIT OF 60/240,508 10/13/2000
AND CLAIMS BENEFIT OF 60/240,503 10/13/2000
AND CLAIMS BENEFIT OF 60/240,539 10/13/2000
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AND CLAIMS BENEFIT OF 60/170,453 12/13/1999
AND CLAIMS BENEFIT OF 60/162,498 10/29/1999
AND CLAIMS BENEFIT OF 60/160,860 10/21/1999

PLEASE UPDATE
PER ATTACHED
APPLICATION DATA
SHEET & REQUEST
FOR CORRECTED
FILING RECEIPT

Foreign Applications

If Required, Foreign Filing License Granted 03/09/2001

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Title

Clasp-3 transmembrane protein

Preliminary Class

435

Data entry by : SEDIQEE, AHMADULLAH Team : OIPE Date: 03/13/2001

- I INDIAN III TOOD DIEU DIE EEU BEER BEER BEER DEEL OORD EEU BEER INDIA DEEL BEER DEEL BEER DEEL EEU BEER EEU

LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15

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The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CRF 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 36 CFR 1.53(d). This license is not retroactive.

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No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15 (b).

PLEASE NOTE the following information about the Filing Receipt:

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents Office of Initial Patent Examination Customer Service Center Washington, DC 20231

STATEMENT OF AVAILABLITY

Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231

Sir:

I, J. David Garmen, teclare:

- A deposit of nucleic acids AVC-PD16, AVC-PD15, AVC-PD17, AVC-PD14, AVC-PD20, AVC-PD13, AVC-PD19, AVC-PD18, AVC-PD21 and AVC-PD22, has been made and accepted under the provisions of the Budapest Treaty at the ATCC and assigned the following reference numbers PTA-2608, PTA-2609, PTA-2610, PTA-2611, PTA-2612, PTA-2613, PTA-2614, PTA-2615, PTA-2616 and PTA-2616, respectively;
- All restrictions on the availability to the public of the culture deposited will be irrevocably removed upon the granting of a patent from the above-identified application;
- 3. The deposit will be maintained for a period of 30 years after the date of deposit or 5 years after the last request for a sample or for the enforceable life of the patent, whichever is longer.
- 4. The deposit will be replaced if viable samples cannot be dispensed by the depository; and



5. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued therefrom;

Further declarant sayeth not.

Signed	this	<u></u>	day	of	February	2007	7	>
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J. David Garman

Signature:

Printed Name:

10801 University Blvd • Manassas, VA 20110-2209 • Telephone: 703-365-2700 • FAX: 703-365-2745

BUDAPEST TREATY ON THE INTERNATIONAL RECOGNITION OF THE DEPOSIT OF MICROORGANISMS FOR THE PURPOSES OF PATENT PROCEDURE.

INTERNATIONAL FORM

RECEIPT IN THE CASE OF AN ORIGINAL DEPOSIT ISSUED PURSUANT TO RULE 7.3 AND VIABILITY STATEMENT ISSUED PURSUANT TO RULE 10.2

To: (Name and Address of Depositor or Attorney)

Arbor Vita Corporation Attn; Peter S. Lu, MD 772 Lucerne Dr. Sunnyvale, CA 94085

Deposited on Behalf of: Arbor Vita Corporation

Patent Deposit Designation
PTA-2608
PTA-2609
PTA-2610
PTA-2611
PTA-2612
PTA-2613
PTA-2614
PTA-2615
PTA-2616
PTA-2617

The deposits were accompanied by: ___ a scientific description a proposed taxonomic description indicated above. The deposits were received October 17, 2000 by this International Depository Authority and have been accepted.

AT YOUR REQUEST: X We will inform you of requests for the strains for 30 years.

The strains will be made available if a patent office signatory to the Budapest Treaty certifies one's right to receive, or if a U.S. Patent is issued citing the strains, and ATCC is instructed by the United States Patent & Trademark Office or the depositor to release said strains.

If the cultures should die or be destroyed during the effective term of the deposit, it shall be your responsibility to replace them with living cultures of the same.

The strains will be maintained for a period of at least 30 years from date of deposit, or five years after the most recent request for a sample, whichever is longer. The United States and many other countries are signatory to the Budapest Treaty.

The viability of the cultures cited above was tested October 25, 2000. On that date, the cultures were viable.

International Depository Authority: American Type Culture Collection, Manassas, VA 20110-2209 USA.

Signature of person having authority to represent ATCC:

Frank Simi ne, Director, Patent Depository

Date: January 22, 2001

cc: William Smith

United States Patent and Trademark Office

TOWNSEND AND TOWNSEND AND CREW, LLP



APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTY, DOCKET NO./TITLE
00/505.046	10/10/0000		

09/737,246

EIGHTH FLOOR

TWO EMBARCADERO CENTER

SAN FRANCISCO, CA 94111-3834

20350

12/13/2000

Peter S. Lu

020054000311

CONFIRMATION NO. 8356

OC000000009600438

1 CENTER 1600/2900

Date Mailed: 03/06/2003

RESPONSE TO REQUEST FOR CORRECTED FILING RECEIPT

Domestic Continuity and Foreign Priority

	In response to your request for a corrected Filing Receipt, the Office is unable to comply with the request because:
	The priority or continuity claim has not been entered because it was not filed during the required time period. Applicant may wish to consider filing a petition to accept an unintentionally delayed claim for priority. See 37 CFR 1.55 or 1.78.
<u></u>	Continuity claimed under 35 U.S.C. § 120 cannot be added to the Filing Receipt without the applicant supplying the relationship (continuation, divisional, or continuation-in-part) in an Application Data Sheet or amendment to the first page of the specification.
	A claim for priority cannot be made based on an application filed after the application making the claim.
	Domestic benefit and foreign priority claims will not be captured in a provisional application. A provisional application is not entitled to a right of priority or to the benefit of an earlier filing date of any other application. See 35 U.S.C. § 111(b)(7) and 37 CFR 1.53(c)(4).
	A domestic continuity claim cannot be made to a foreign application and the filing receipt will only list the foreign country, application number, and filing date.
	Foreign priority will appear on the Filing Receipt in the following order: Country, Application number, Filing date.
	This application is the result of a conversion from a provisional application. Priority based on such application cannot be made since it no longer exists as a provisional application.

· · · · · · · · · · · · · · · · · · ·
The application(s) to which priority is claimed were filed over a year prior to the filing date of this application. Therefore, the referenced application(s) cannot be claimed as domestic or foreign priority.
To change the benefit claim of a U.S. prior-filed application, applicant must amend the first sentence of the specification (if the benefit claim is referenced in the specification), or provide a supplemental application data sheet (ADS) (if the benefit claim was submitted in an ADS), with the desired benefit claim. Note that once a benefit claim is deleted, applicant will not be able to claim such prior-filed application again, if the above-identified application was filed on or after November 29, 2000.
To change a foreign priority claim, applicant must submit a supplemental oath or declaration (if the priority claim is referenced in the oath or declaration), or a supplemental application data sheet (ADS) (if the priority claim was submitted in an ADS), with the desired priority claim. If a supplemental ADS is submitted, any deletions should be shown with strikeouts. Note that once a priority claim is deleted, applicant will not be able to claim such foreign application again, if the above-identified application was filed on or after November 29, 2000.
W-S-

Customer Service Center Office of Initial Patent Examination (703) 308-1202